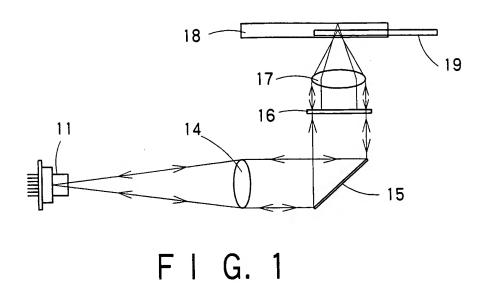
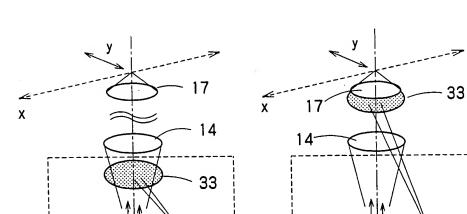
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 1 of 20





35

F I G. 2A

31

11

F I G. 2B

35

31

11

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 2 of 20

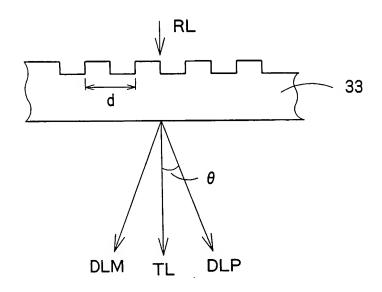
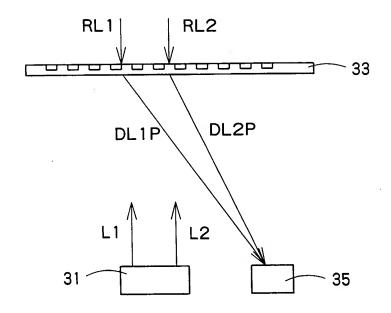
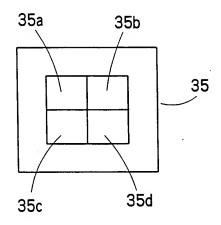


FIG.3A

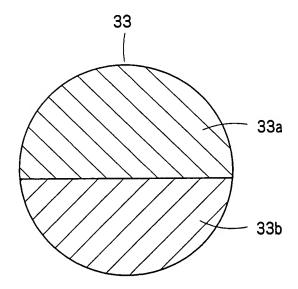


F I G. 3B

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 3 of 20

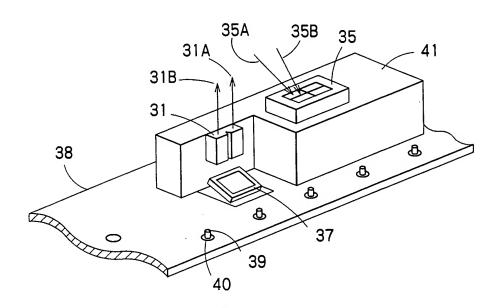


F I G. 4A

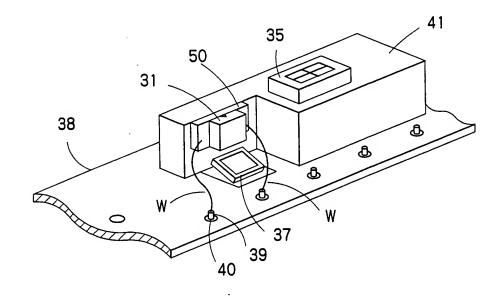


F I G. 4B

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 4 of 20

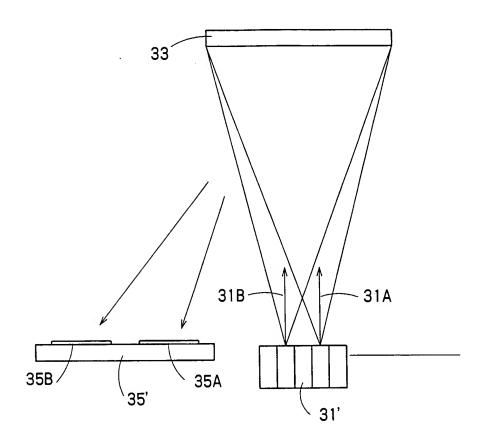


F I G. 5

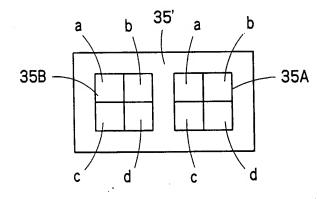


F I G. 6

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 5 of 20

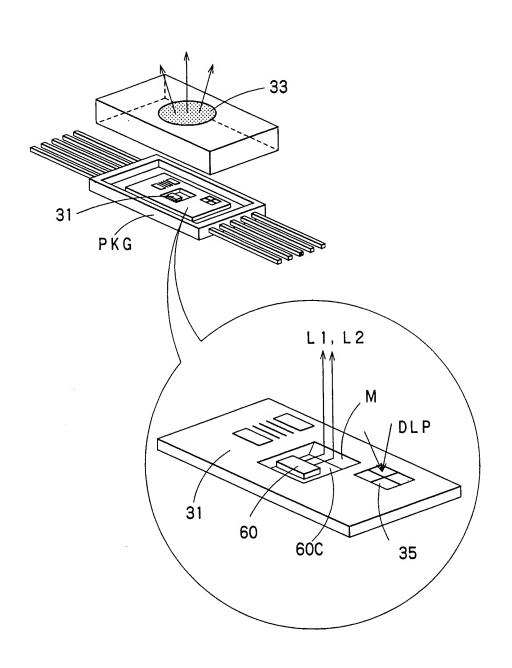


F I G. 7A



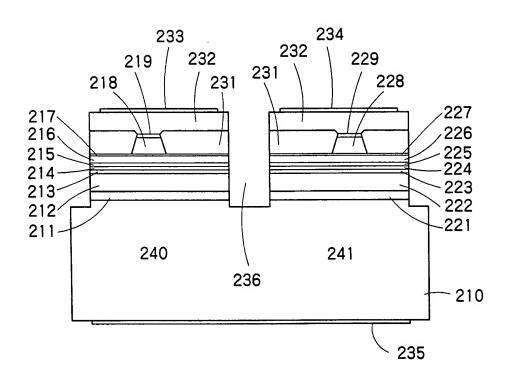
F I G. 7B

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 6 of 20



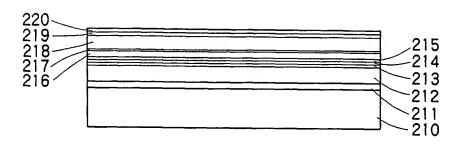
F I G. 8

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 7 of 20

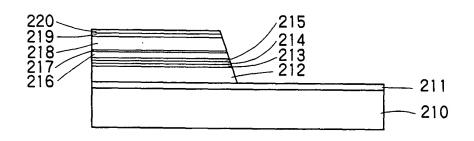


F I G. 9

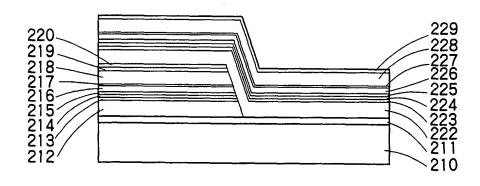
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 8 of 20



F I G. 10

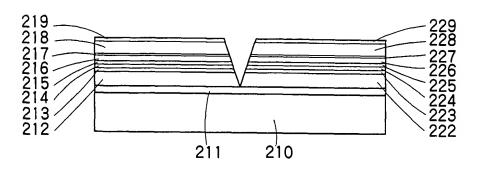


F I G. 11

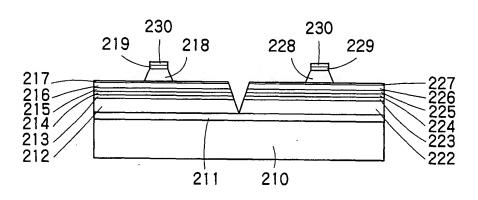


F | G. 12

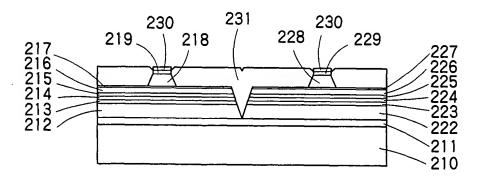
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 9 of 20



F I G. 13

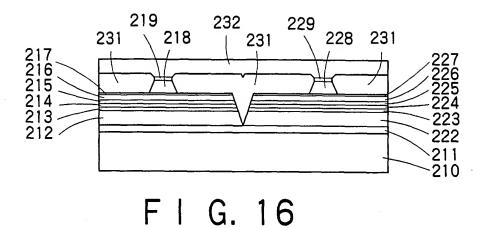


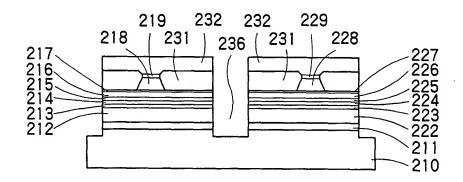
F I G. 14



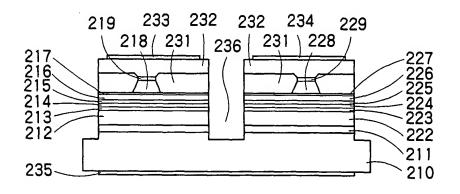
F I G. 15

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 10 of 20



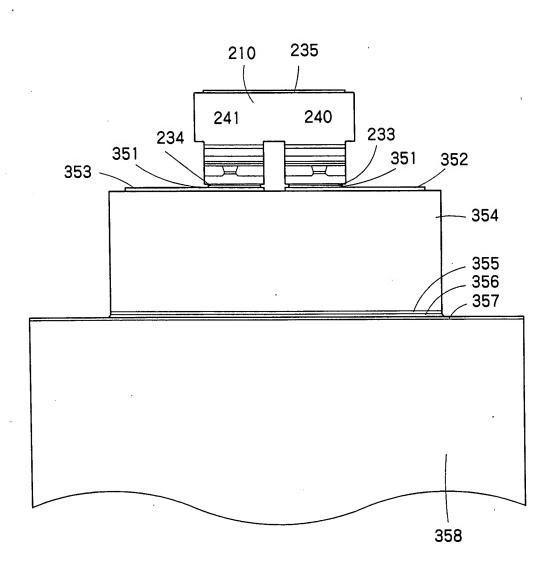


F I G. 17



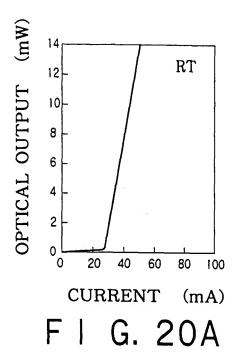
F | G. 18

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 11 of 20



F I G. 19

Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 12 of 20



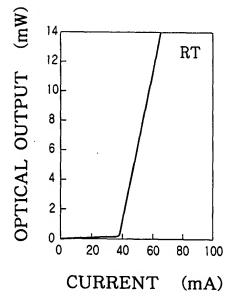
INTENSITY

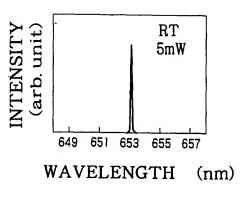
(ar b. muit)

777 779 781 783 785

WAVELENGTH (nm)

F | G. 20B

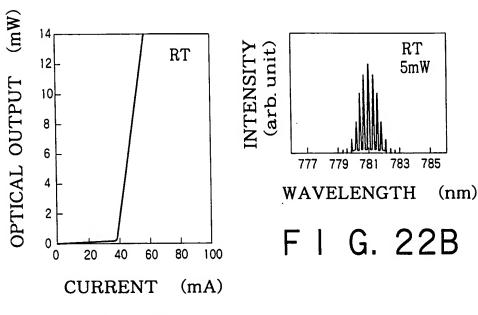




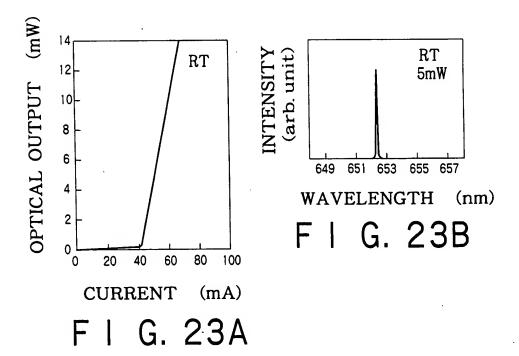
F I G. 21B

F I G. 21A

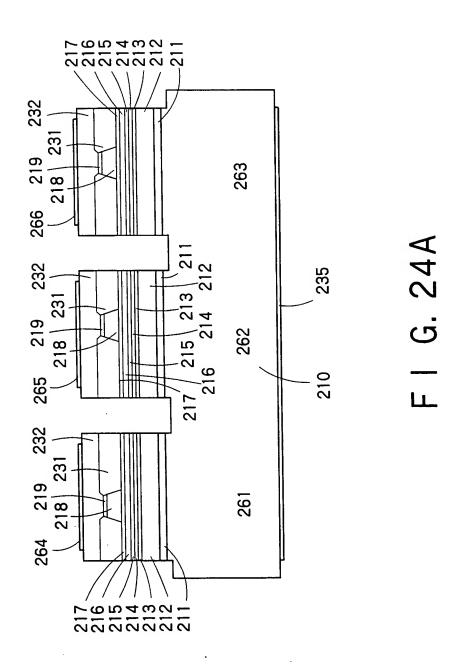
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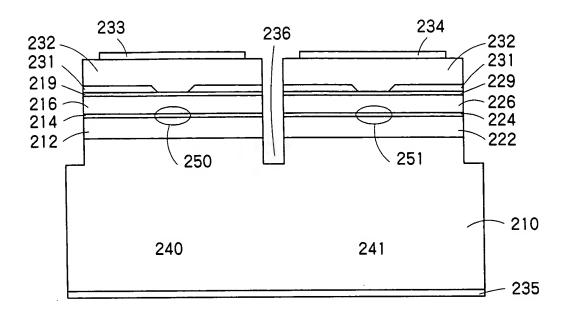
F I G. 22A



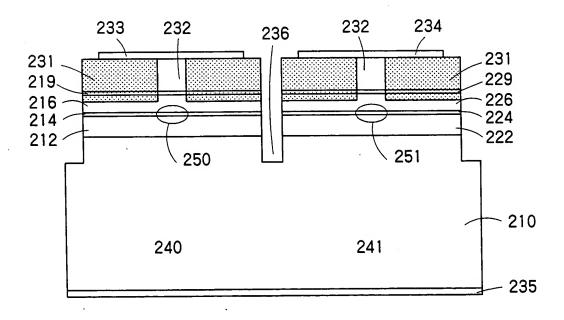
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 14 of 20



Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 15 of 20

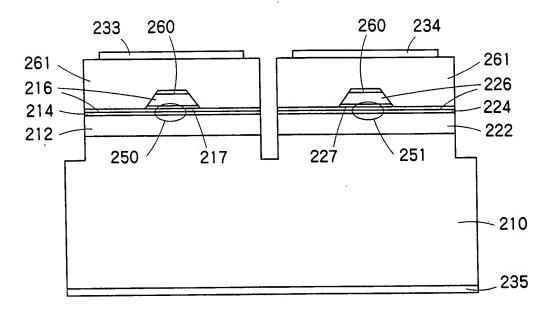


F I G. 24B

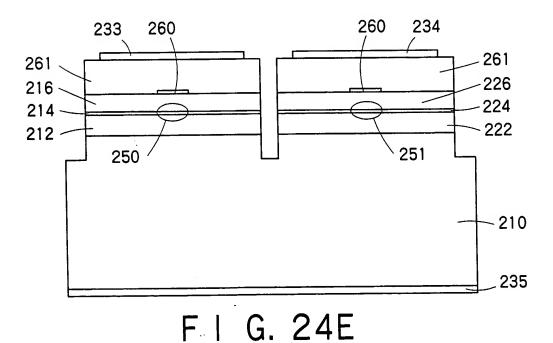


F I G. 24C

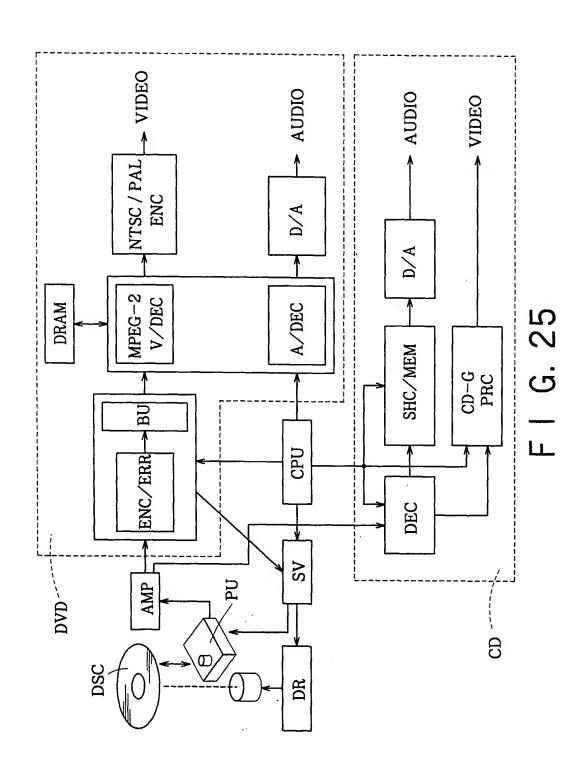
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 16 of 20



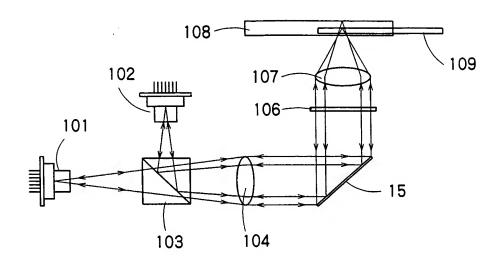
F I G. 24D



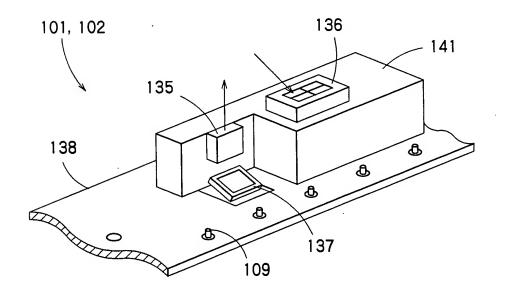
Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 17 of 20



Hogan & Hartson 81788.0257 Ichiro UCHIZAKI et al. Semiconductor Laser Array and ... EV 325 217 426 US 20 Drawing Sheets; Sheet 18 of 20

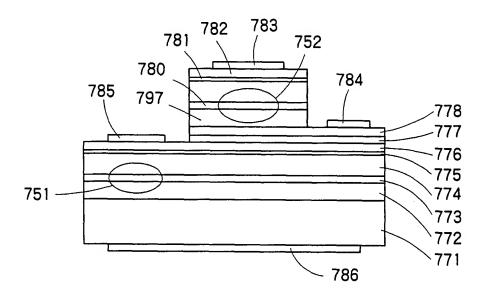


F I G. 26

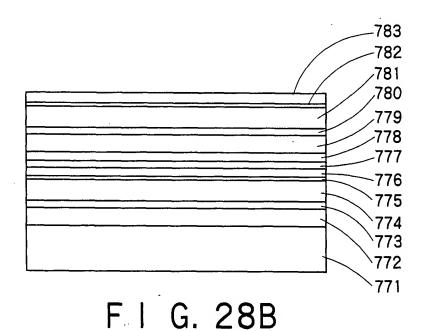


F I G. 27

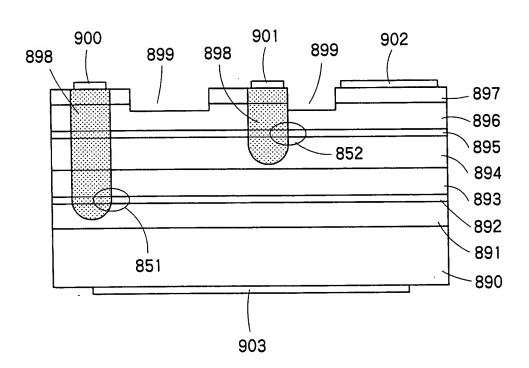
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F I G. 28A



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Semiconductor Laser Array and ...
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F I G. 29